

# CT ANGIOGRAPHY OF THE THORACIC AORTA

Thesis
Submitted for the partial fulfillment
of the MD Degree of Radio diagnosis

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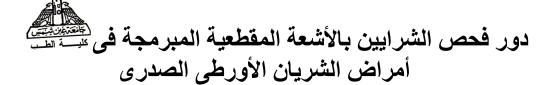
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# <u>Dedication</u>

First of all I would like to dedicate this work to my NUN and DAD because without their generous and endless love, help and support, I would have never been able to achieve my success throughout my life.

Then I would like to express my deepest love to my brother and sister.

Then to my beloved children NOUR and ALY who were a great motive to finish this work.

And a very special dedication to my dearest and beloved husband.

Yours,

Mona

#### **LIST OF ABBREVIATIONS**

**AD** Aortic dissection

**CECT** Contrast enhanced CT

**cm** centimetre

**CPR** Curved Planar Reformation

**CT** Computerized tomography

**CTA** Computerized tomographic angiography

**DM** Diabetes Mellitus

**DSA** Digital Subtraction angiography

**ECG** Electro cardio gram

**FOV** Field of View

**HTN** Hypertension

**HU** Hounsfield Unit

**IMH** Intramural Haematoma

**IV** intravenous

LCC Left common carotid artery

**LCIA** Left common iliac artery

**LEIA** Left external iliac artery

LSC Left subclavian artery mL millilitre millimetre mm MHz Mega Hertz **MIP** Maximum intensity projection MPR Multiplanar reformation **NICU** Neonatal Intensive Care Unit number no. Penetrating Atherosclerotic Ulcer **PAU** PA Pulmonary artery Right common carotid artery **RCC RSC** Right subclavian artery sec. second SLE Systemic Lupus Erythematosis **SSD** Shaded surface display **UAC** Umbilical artery catheter U/S Ultrasonography VR Volume Rendering

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